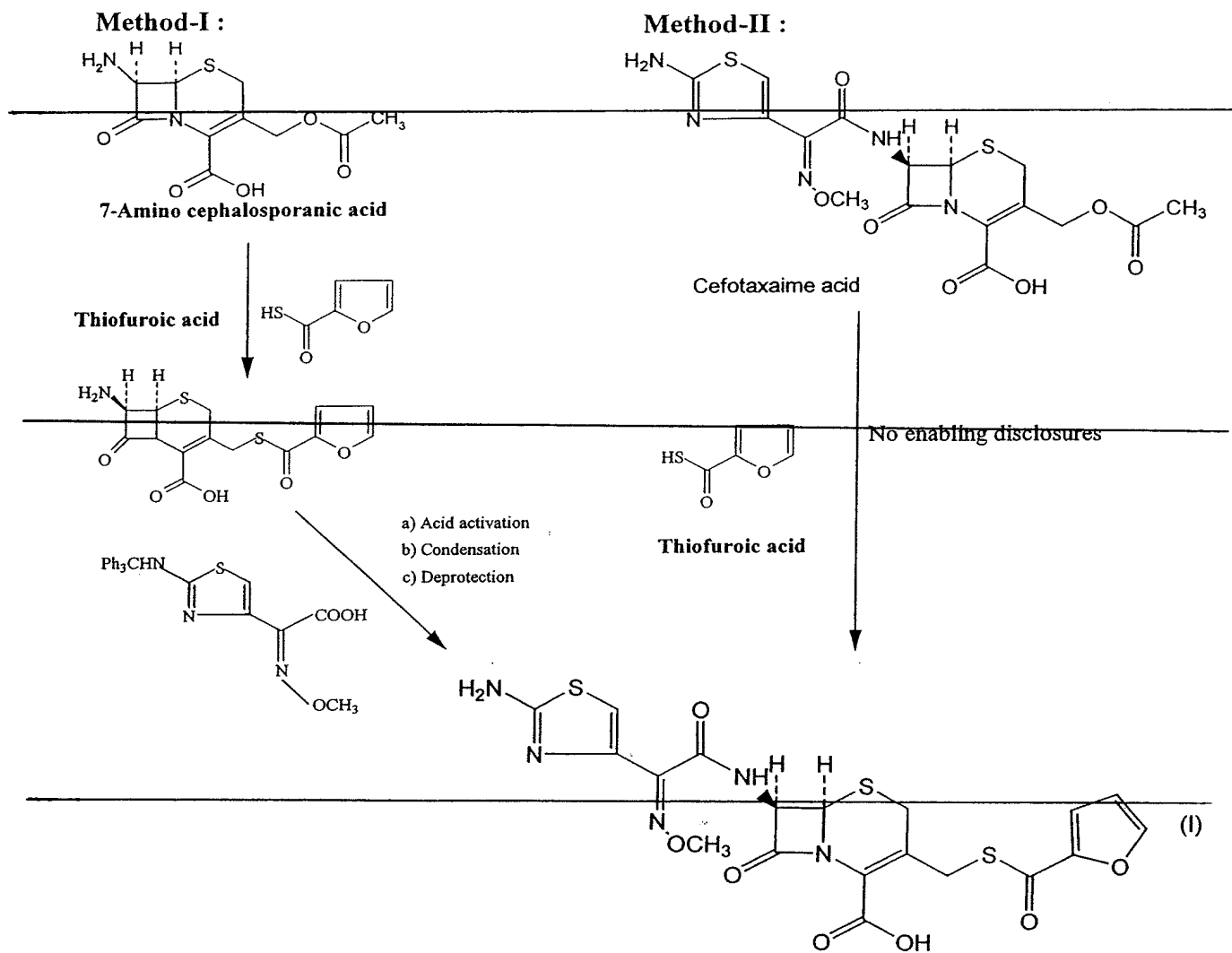
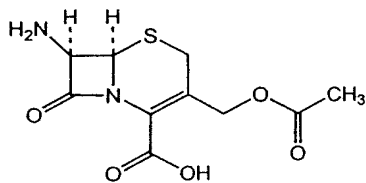


Scheme I: Method for preparation of ceftiofur (I) as disclosed in US. Pat. No. 4,464,367



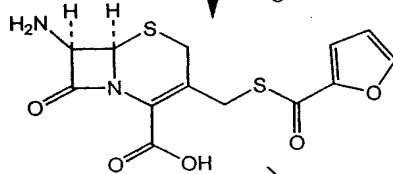
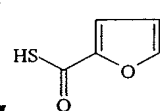
Scheme I: Method for preparation of ceftiofur (I) as disclosed in US. Pat. No. 4,464,367

**Method-I :**

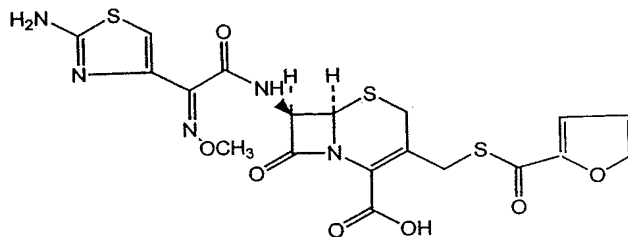
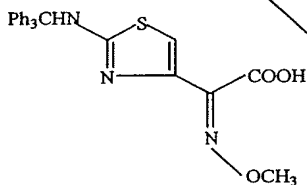


**7-Amino cephalosporanic acid**

**Thiofuroic acid**

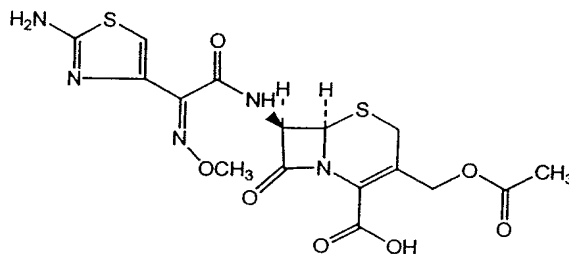


- a) Acid activation
- b) Condensation
- c) Deprotection

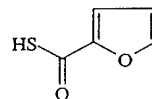


(I)

**Method-II :**



**Cefotaxime acid**



**Thiofuroic acid**

No enabling disclosures